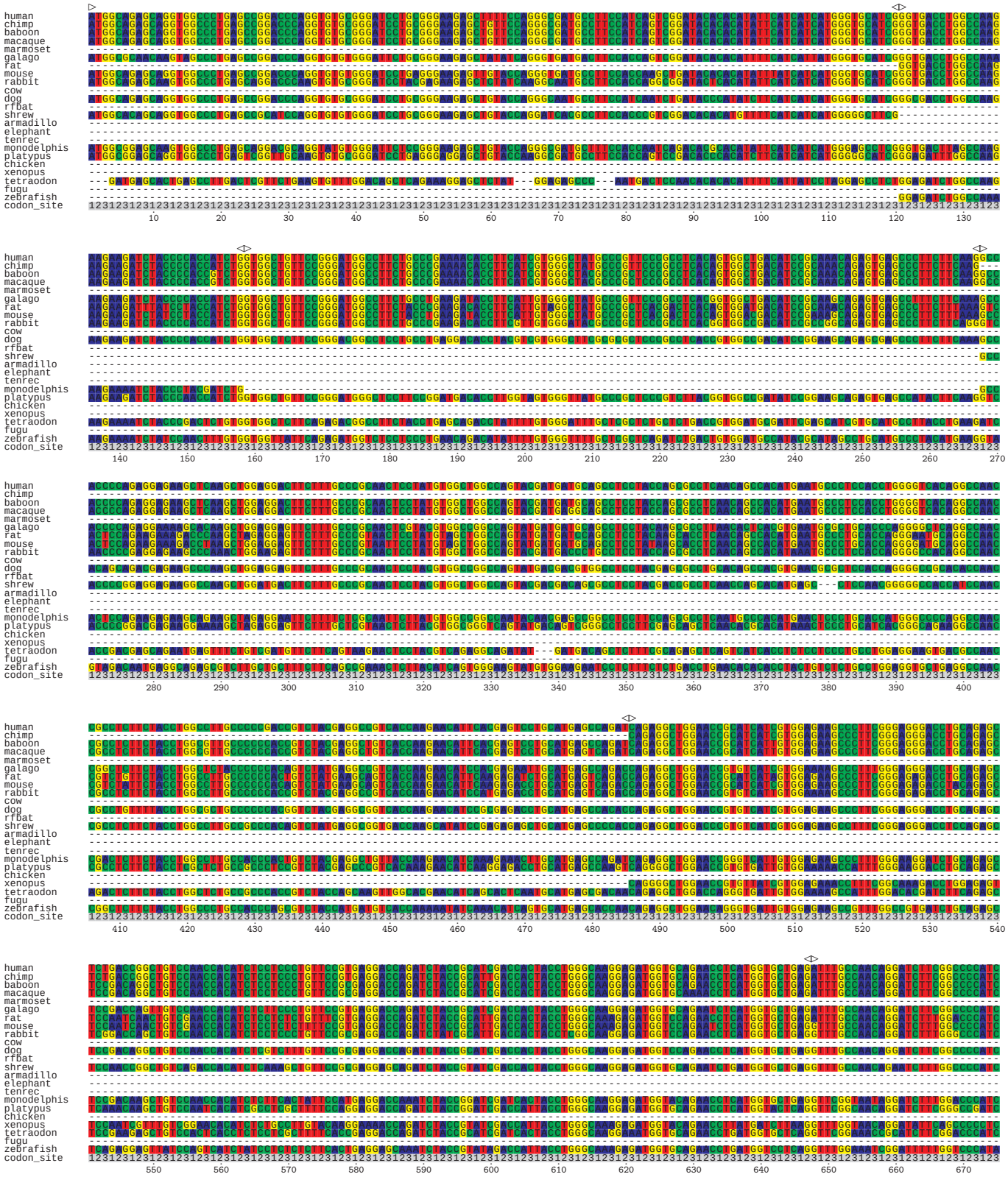
G6PD.AF277315.16-007.prank



```
human       TGGAACCGGGACAACATCGCCTGGTTATCCTCACCTTCAAGGTGCCCTTTGGCACTGTGGGTGCGGGGGCTATTTGGATGAATTTGGGTCATCCGGGACGTGATGCAGAACCACCTACTGCAGATGCTGTGT
chimp       TGGAACCGGGACAACATCGCCTGGTTATCCTCACCTTCAAGGTGCCCTTTGGCACTGTGGGTGCGGGGGCTATTTGGATGAATTTGGGTCATCCGGGACGTGATGCAGAACCACCTACTGCAGATGCTGTGT
baboon      TGGAACCGGGACAACATCGCCTGGTTATCCTCACCTTCAAGGTGCCCTTTGGCACTGTGGGTGCGGGGGCTATTTGGATGAATTTGGGTCATCCGGGACGTGATGCAGAACCACCTACTGCAGATGCTGTGT
macaque     TGGAACCGGGACAACATCGCCTGGTGATCCTCACCTTCAAGGTGCCCTTTGGCACTGTGGGTGCGGGGGCTATTTGGATGAATTTGGGTCATCCGGGACGTGATGCAGAACCACCTCCTGCAGATGCTGTGT
marmoset    ----------------------------------------------------------------------------------------------------------------------------------
galago      TGGAACCGGGACAAATGTGCCTGTGTTATCCTCACATTCAAGGTGCCCTTTGGCACTGTGGGCGCGGGGGGCTATTTGGATGAATTTGGGTCATCCGGGATGTCATGCAGAACCACCTCCTGCAGATGCTATGT
rat         TGGAATGGTGACAACATTGCTTGGTGATCCTTACATTTAAAGTGCCCTTTGGTACTGTGGGTGCGGGGGCTATTTGGATGAATTTGGGTCATCAGGGATGTCATGCAGAACCACCTCCTGCAGATGTTGTGT
mouse       TGGAATGGTGACAACATTGCTTGGTGATCCTTACATTTAAAGTGCCCTTTGGTACTGTGGGTGCGGGGGCTATTTGGATGAATTTGGGTCATCAGGGATGTTATGCAGAACCACCTCCTGCAGATGTTGTGT
rabbit      TGGAACCGGGACAACATCGCCTGGTGATCCTCACATTCAAGGAACCCTTCGGCACTGTGGGCGCGGGGGCTATTTGGATGAATTTGGGTCATCCGGGACGTGATGCAGAACCACCTCCTGCAGATGCTGTGC
cow         ----------------------------------------------------------------------------------------------------------------------------------
dog         TGGAACCGGGACAACATCGCCTGGTGATCCTCACTTCAAGGTGCCCTTTGGCACCGTGGGCGCGGGGGCTACTTGGATGAATTTGGGTCATCCGGGACGTGATGCAGAACCACCTCCTGCAGATGCTGTGT
rfbat       ----------------------------------------------------------------------------------------------------------------------------------
shrew       TGGAACCGGGACAACATCGCCTGGTGTCATCCTCACCTTCAAGGTGCCCTTTGGCACCGTGGGCGCGGGGGCTATTTGGATGAATTTGGGTTATCCGGGACGTGATGCAGAACCACCTGCTGCAGATGCTGTGT
armadillo   ----------------------------------------------------------------------------------------------------------------------------------
elephant    ----------------------------------------------------------------------------------------------------------------------------------
tenrec      ----------------------------------------------------------------------------------------------------------------------------------
monodelphis TGGAACCGGGACAAATATCGCCTGGTGATCCTCACCTTCAAGGTGCCCTTCGGCACCATGGGCGCGGGGGCTATTTGGATGAGTTTGGGTCATCGGTGATGTGATCCAGAACCACCTCCTGCAGATGCTTTGC
platypus    TGGAACCGGGACAAACATCGCCTGGTGATCCTCACCTTCAAGGTGCCCTTCGGCACCGTGGGCGCGGGGGCTATTTGGATGAATTGGGATCATCCGGGATGTGATGCAGAACCACCTCCTGCAGATGCTGTGC
chicken     ----------------------------------------------------------------------------------------------------------------------------------
xenopus     TGGTCCAGGGATCATATGCG---GTGGTTCTGACATTCAAAGTGCCATTTGGTACACATGGGGCGTGGAGGATACTTTGGTGAATTTGGTATATCCGGGACGTCATCGCAAATCACCTTGCTCCAAATGATGTGT
tetraodon   TGGAACAGGGACAAGGTGGCCTGGTGGTCTTCTACTTTTAAGGTGCCTTTTGGCACTCAGGGTGCGGAGGCTATTTGGATGATTTTGGATATCATTCGGGATGTGATCCAGAACCACATGCTTCAGATGCTGTGC
fugu        ----------------------------------------------------------------------------------------------------------------------------------
zebrafish   TGGAACCGGGACAGGGTGGGGTGTGGTGGTTCTGACCTTCAAGGTGCCGTTTGGTACCAGGGCGCGGGAGGATATTTGGCGATTTTGGTATCATTCGGATGTGATCCAGAACCACCTGCTTCAGATGCTGGT
codon_site  123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123
            680       690       700       710       720       730       740       750       760       770       780       790       800       810
```

```
human       CTGGTGGCCATGGAGTGGCCGCCTCCACCAACTCAGATGACGTCCGTGATGGAAGGTCAAGGTGTTGAAATGCATCTCAGGGTGCAGGCCAACAATGTGGTCCTGGGCCCGTACGTGGGGAACCCCGATGGA
chimp       CTGGTGGCCATGGAGAGGCCGCCTCCACCAACTCAGATGACGTCCGTGATGGAAGGTCAAGGTGTTGAAATGTATCTCAGGGTGCAGGCCAACAAGGTGGTCCTGGGCCCGTACGTGGGGAACCCCGATGGA
baboon      CTGGTGGCCATGGAGAGGCCGCCTCCACCAACTCAGATGACGTCCGTGATGGAAGGTCAAGGTGTTGAAATGTATCTCAGGGTGCAGGCCAACAATGTGGTCCTGGGCCCGTACGTGGGGAACCCCGATGGA
macaque     CTGGTGGCCATGGAGTGGCCGCCTCCACCAACTCGGATGACGTCCGTGATGGAAGGTCAGGTGTTGAAATGTATCTCAGGGTGCAGGCCAACAATGTGGTCCTGGGCCCGTACGTGGGGAACCCCGATGGA
marmoset    ----------------------------------------------------------------------------------------------------------------------------------
galago      CTGGTGGCCATGGAGTGGCCTGCCTCCACTGACTCAGACGATGTCCGTGATGGAAGGTCAAAGTGTTGAAATGTATCTCAGGGTGCAGGCCAACAACGTGGTCCTGGGCCCGTATGTGGGGAACCCCAGTGGA
rat         CTGGTGGCCATGGAAAAGGCTGCCTCTACAGATTCAGATGATGTCCGTGATGGAAGGTCAAAGTGTTGAAATGTATCTCAGGGTGGGAACTGACAACGTGGTCCTTGGCCCGTATGTGGGGAACCCCAGTGGA
mouse       CTGGTGGCCATGGAAAAGGCTGCCACTACAGGTTCAGTGTATGTCCGTGATGGAAGGTCAAAGTGTTGAAGTGTATCTCAGGGTGGGAACTGACAAGGTGGTCCTTGGCCAATATGTGGGGAACCCCAATGGA
rabbit      CTGGTGGCCATGGAGTGGCCGCCTCCACTGACTCCGATGACGTCCGCGACGGAAGGTCAAGGTGTTAAAGTGCATCTCAGGATGCAGCCGGACAACGTGGTCCTGGGCCCGTAGTAGGGGAACCCCAATGGA
cow         ----------------------------------------------------------------------------------------------------------------------------------
dog         CTGGTGGCCATGGAGTGGCCGCCTCCTCCACGGACTCAGACGACGTCCGCGACGGAAGGTCAAGGTGTTAAAGTGTATCTCGGCGGGTGCAGGCCAACAACGTGGTCCTGGGCCCGTACGTGGGGAACCCCAGTGGA
rfbat       ----------------------------------------------------------------------------------------------------------------------------------
shrew       CTGGTGGCCATGGAGAAACCTGCCTCTACC---TCGGATGACGTCCGCAACGGAAGGTGAAGGTGTGCAGTGCATCTCAGGGGTGCAGGCAGCGAACGTGGTGCTGGGCCCGTACGTGGGGAACCCAGAAGCA
armadillo   ----------------------------------------------------------------------------------------------------------------------------------
elephant    ----------------------------------------------------------------------------------------------------------------------------------
tenrec      ----------------------------------------------------------------------------------------------------------------------------------
monodelphis CTGTGGCCATGGAGAAACCGGCCTCCACCAACTCTGATGATGTCCGTGATGAAAGGTGAAGGTCTGAAATGTATCTCAGGGTGCAAACTGAT---GTGGTCTTGGGCCCGTATGTGGGGAACCCAATGGA
platypus    CTGGTGGCCATGGAGAAACCAGCCTCCACCAACTCGGACGATGTCCGTGATGGAAGGTCAAAGTCTGAAGTGCATCTCGGCAGTGAAGGCGGACAAGGTGGTCCTGGGCCCGTATGTGGGGACCCAGTGGG
chicken     ----------------------------------------------------------------------------------------------------------------------------------
xenopus     CTGGTGGCCATGGAGAAGCCAGCTTCCACCAGTTCGGATGATGTTAGGGTTGAAAGGTGAAAGTCTTAAATCAGTCAGTCCCGTACATTGATAACGTGGTGGTGGGCCCGTAGTGTGGGATGGTGAAGGG
tetraodon   CTGGTTCCATGGAGAAGCCAGCTTCCACCAACTCTGACGATGTCCGGGATGAAAGGTCAAGGTGTGAAGTGCATCATCCAGCATCCTCAGAT---GTGGTGTGGGCCCGTACGTGGGGGACCCAGTGGGG
fugu        ----------------------------------------------------------------------------------------------------------------------------------
zebrafish   CTGGTGGCGATGGAGAAGCCAGCTGCTTCCACCAGTCTGATGTGTGGGGGATGGAAGGTAAAAGTGTGAAGTGCATCAGCGGGTCACTTCGAT---GTGGTCTGGGCCCGTACGTGGGGGTCCAGTGGG
codon_site  123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123123
                820       830       840       850       860       870       880       890       900       910       920       930       940
```

```
human       GAGGGCGGGGCCACCAA
chimp       GAGGGCGGGGCCAGCAA
baboon      GAGGGCGAGGCCACCAA
macaque     GAGGGCGAGGCCACCAA
marmoset    -----------------
galago      GAGGGCGGGGCCACCAA
rat         GAGGGCGAGGCTACCAA
mouse       GAGGGCGAAGCTGCCAA
rabbit      GAGGGGGAGGCCACCAA
cow         -----------------
dog         GAGGGGGAGTCCACCAA
rfbat       -----------------
shrew       GAGGGCGGGGCCACCAA
armadillo   -----------------
elephant    -----------------
tenrec      -----------------
monodelphis GAAGGGGAAGCCACCAA
platypus    GAAGGCGAGGCCAAGAA
chicken     -----------------
xenopus     GAAGGCGGGCCACAACT
tetraodon   GAGGGCGAGGCCAAACT
fugu        -----------------
zebrafish   GAAGGGGAGGCCAAAACT
codon_site  123123123123123123
            950       960
```